RAW SEQUENCE LISTING   DATE: 11/01/2001
PATENT APPLICATION: US/09/944,413   TIME: 16:15:46

Input Set : N:\Crf3\RULE60\09944413.raw
Output Set: N:\CRF3\11012001\I944413.raw

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    1 <110> APPLICANT: Baker, Kevin
    2            Botstein,David
    3            Eaton,Dan
    4            Ferrara,Napoleone
    5            Filvaroff,Ellen
    6            Gerritsen,Mary
    7            Goddard,Audrey
    8            Godowski,Paul
    9            Grimaldi,Christopher
   10            Gurney,Austin
   11            Hillan,Kenneth
   12            Kljavin,Ivar
   13            Napier,Mary
   14            Roy,Margaret
   15            Tumas,Daniel
   16            Wood,William
   17 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
   18            ACIDS ENCODING THE SAME
   19 <130> FILE REFERENCE: P2548P1C1
   20 <140> CURRENT APPLICATION NUMBER: 09/944,413
   21 <141> CURRENT FILING DATE: 2001-08-30
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   23 <151> PRIOR FILING DATE: 2001-05-25
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                    RAW SEQUENCE LISTING              DATE: 11/01/2001
                    PATENT APPLICATION:  US/09/944,413   TIME: 16:15:46

                    Input Set : N:\Crf3\RULE60\09944413.raw
                    Output Set: N:\CRF3\11012001\I944413.raw


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RAW SEQUENCE LISTING   DATE: 11/01/2001
PATENT APPLICATION: US/09/944,413   TIME: 16:15:46

Input Set : N:\Crf3\RULE60\09944413.raw
Output Set: N:\CRF3\11012001\I944413.raw

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99 <211> LENGTH: 2454
100 <212> TYPE: DNA
101 <213> ORGANISM: Homo Sapien
102 <400> SEQUENCE: 1
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104       caccaggact gtgttgaagg gtgtttttttt tcttttaaat gtaatacctc 100
105       ctcatctttt cttcttacac agtgtctgag aacatttaca ttatagataa 150
106       gtagtacatg gtggataact tctactttta ggaggactac tctcttctga 200
107       cagtcctaga ctggtcttct acactaagac accatgaagg agtatgtgct 250
108       cctattattc ctggctttgt gctctgccaa acccttcttt agcccttcac 300
109       acatcgcact gaagaatatg atgctgaagg atatggaaga cacagatgat 350
110       gatgatgatg atgatgatga tgatgatgat gatgaggaca actctctttt 400
111       tccaacaaga gagccaagaa gccatttttt tccatttgat ctgtttccaa 450
112       tgtgtccatt tggatgtcag tgctattcac gagttgtaca ttgctcagat 500
113       ttaggtttga cctcagtccc aaccaacatt ccatttgata ctcgaatgct 550
114       tgatcttcaa aacaataaaa ttaaggaaat caaagaaaat gattttaaag 600
115       gactcacttc actttatggt ctgatcctga acaacaacaa gctaacgaag 650
116       attcacccaa aagcctttct aaccacaaag aagttgcgaa ggctgtatct 700
117       gtcccacaat caactaagtg aaataccact taatcttccc aaatcattag 750
118       cagaactcag aattcatgaa aataaagtta agaaaataca aaaggacaca 800
119       ttcaaaggaa tgaatgcttt acacgttttg gaaatgagtg caaaccctct 850
120       tgataataat gggatagagc caggggcatt tgaaggggtg acggtgttcc 900
121       atatcagaat tgcagaagca aaactgacct cagttcctaa aggcttacca 950
122       ccaactttat tggagcttca cttagattat aataaaattt caacagtgga 1000
123       acttgaggat tttaaacgat acaaagaact acaaaggctg ggcctaggaa 1050
124       acaacaaaat cacagatatc gaaaatggga gtcttgctaa cataccacgt 1100
125       gtgagagaaa tacatttgga aaacaataaa ctaaaaaaaa tcccttcagg 1150
126       attaccagag ttgaaatacc tccagataat cttccttcat tctaattcaa 1200
127       ttgcaagagt gggagtaaat gacttctgtc caacagtgcc aaagatgaag 1250
128       aaatctttat acagtgcaat aagtttattc aacaacccgg tgaaatactg 1300
129       ggaaatgcaa cctgcaacat ttcgttgtgt tttgagcaga atgagtgttc 1350
130       agcttgggaa ctttggaatg taataattag taattggtaa tgtccattta 1400
131       atataagatt caaaaatccc tacatttgga atacttgaac tctattaata 1450
132       atggtagtat tatatataca agcaaatatc tattctcaag tggtaagtcc 1500
133       actgacttat tttatgacaa gaaatttcaa cggaattttg ccaaactatt 1550
134       gatacataag gggttgagag aaacaagcat ctattgcagt ttcctttttg 1600
135       cgtacaaatg atcttacata aatctcatgc ttgaccattc ctttcttcat 1650
136       aacaaaaaag taagatattc ggtatttaac actttgttat caagcacatt 1700
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141       cttatcatgt cttagagccc gtctttatgt ttaaaactaa tttcttaaaa 1950
142       taaagccttc agtaaatgtt cattaccaac ttgataaatg ctactcataa 2000
143       gagctggttt ggggctatag catatgcttt tttttttttta attattacct 2050
144       gatttaaaaa tctctgtaaa aacgtgtagt gtttcataaa atctgtaact 2100
145       cgcattttaa tgatccgcta ttataagctt ttaatagcat gaaaattgtt 2150
146       aggctatata acattgccac ttcaactcta aggaatattt ttgagatatc 2200
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RAW SEQUENCE LISTING   DATE: 11/01/2001
PATENT APPLICATION: US/09/944,413   TIME: 16:15:46

Input Set : N:\Crf3\RULE60\09944413.raw
Output Set: N:\CRF3\11012001\I944413.raw

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148       aaattgtctc ttcaaatacg tatggactgg ataactctga gaaacacatc 2300
149       tagtataact gaataagcag agcatcaaat taaacagaca gaaaccgaaa 2350
150       gctctatata aatgctcaga gttctttatg tatttcttat tggcattcaa 2400
151       catatgtaaa atcagaaaac agggaaattt tcattaaaaa tattggtttg 2450
152       .aaat 2454
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155 <211> LENGTH: 379
156 <212> TYPE: PRT
157 <213> ORGANISM: Homo Sapien
158 <400> SEQUENCE: 2
159       Met Lys Glu Tyr Val Leu Leu Leu Phe Leu Ala Leu Cys Ser Ala
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161       Lys Pro Phe Phe Ser Pro Ser His Ile Ala Leu Lys Asn Met Met
162                     20              25                  30
163       Leu Lys Asp Met Glu Asp Thr Asp Asp Asp Asp Asp Asp Asp Asp
164                     35              40                  45
165       Asp Asp Asp Asp Asp Glu Asp Asn Ser Leu Phe Pro Thr Arg Glu
166                     50              55                  60
167       Pro Arg Ser His Phe Phe Pro Phe Asp Leu Phe Pro Met Cys Pro
168                     65              70                  75
169       Phe Gly Cys Gln Cys Tyr Ser Arg Val Val His Cys Ser Asp Leu
170                     80              85                  90
171       Gly Leu Thr Ser Val Pro Thr Asn Ile Pro Phe Asp Thr Arg Met
172                     95             100                 105
173       Leu Asp Leu Gln Asn Asn Lys Ile Lys Glu Ile Lys Glu Asn Asp
174                    110             115                 120
175       Phe Lys Gly Leu Thr Ser Leu Tyr Gly Leu Ile Leu Asn Asn Asn
176                    125             130                 135
177       Lys Leu Thr Lys Ile His Pro Lys Ala Phe Leu Thr Thr Lys Lys
178                    140             145                 150
179       Leu Arg Arg Leu Tyr Leu Ser His Asn Gln Leu Ser Glu Ile Pro
180                    155             160                 165
181       Leu Asn Leu Pro Lys Ser Leu Ala Glu Leu Arg Ile His Glu Asn
182                    170             175                 180
183       Lys Val Lys Lys Ile Gln Lys Asp Thr Phe Lys Gly Met Asn Ala
184                    185             190                 195
185       Leu His Val Leu Glu Met Ser Ala Asn Pro Leu Asp Asn Asn Gly
186                    200             205                 210
187       Ile Glu Pro Gly Ala Phe Glu Gly Val Thr Val Phe His Ile Arg
188                    215             220                 225
189       Ile Ala Glu Ala Lys Leu Thr Ser Val Pro Lys Gly Leu Pro Pro
190                    230             235                 240
191       Thr Leu Leu Glu Leu His Leu Asp Tyr Asn Lys Ile Ser Thr Val
192                    245             250                 255
193       Glu Leu Glu Asp Phe Lys Arg Tyr Lys Glu Leu Gln Arg Leu Gly
194                    260             265                 270
195       Leu Gly Asn Asn Lys Ile Thr Asp Ile Glu Asn Gly Ser Leu Ala
196                    275             280                 285
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RAW SEQUENCE LISTING   DATE: 11/01/2001
PATENT APPLICATION: US/09/944,413   TIME: 16:15:46

      Input Set : N:\Crf3\RULE60\09944413.raw
      Output Set: N:\CRF3\11012001\I944413.raw

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197        Asn Ile Pro Arg Val Arg Glu Ile His Leu Glu Asn Asn Lys Leu
198                        290             295                 300
199        Lys Lys Ile Pro Ser Gly Leu Pro Glu Leu Lys Tyr Leu Gln Ile
200                        305             310                 315
201        Ile Phe Leu His Ser Asn Ser Ile Ala Arg Val Gly Val Asn Asp
202                        320             325                 330
203        Phe Cys Pro Thr Val Pro Lys Met Lys Lys Ser Leu Tyr Ser Ala
204                        335             340                 345
205        Ile Ser Leu Phe Asn Asn Pro Val Lys Tyr Trp Glu Met Gln Pro
206                        350             355                 360
207        Ala Thr Phe Arg Cys Val Leu Ser Arg Met Ser Val Gln Leu Gly
208                        365             370                 375
209        Asn Phe Gly Met
211 <210> SEQ ID NO: 3
212 <211> LENGTH: 20
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
217 <400> SEQUENCE: 3
218         ggaaatgagt gcaaaccctc 20
220 <210> SEQ ID NO: 4
221 <211> LENGTH: 24
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
226 <400> SEQUENCE: 4
227         tcccaagctg aacactcatt ctgc 24
229 <210> SEQ ID NO: 5
230 <211> LENGTH: 50
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
235 <400> SEQUENCE: 5
236         gggtgacggt gttccatatc agaattgcag aagcaaaact gacctcagtt 50
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240 <212> TYPE: DNA
241 <213> ORGANISM: Homo Sapien
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243         cggacgcgtg ggcggacgcg tgggcccgcs gcaccgcccc cggcccggcc 50
244         ctccgccctc cgcactcgcg cctccctccc tccgcccgct cccgcgccct 100
245         cctccctccc tcctccccag ctgtcccgtt cgcgtcatgc cgagcctccc 150
246         ggccccgccg gccccgctgc tgctcctcgg gctgctgctg ctcggctccc 200
247         ggccggcccg cggcgccggc ccagagcccc ccgtgctgcc catccgttct 250
248         gagaaggagc cgctgcccgt tcggggagcg gcaggctgca ccttcggcgg 300
249         gaaggtctat gccttggacg agacgtggca cccggaccta gggcagccat 350
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VERIFICATION SUMMARY   DATE: 11/01/2001
PATENT APPLICATION: US/09/944,413   TIME: 16:15:47

Input Set : N:\Crf3\RULE60\09944413.raw
Output Set: N:\CRF3\11012001\I944413.raw

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STATISTICS SUMMARY   DATE: 11/01/2001
PATENT APPLICATION: US/09/944,413   TIME: 16:15:47

           Input Set : N:\Crf3\RULE60\09944413.raw
           Output Set: N:\CRF3\11012001\I944413.raw

Application Serial Number: US/09/944,413
Alpha or Numeric: Numeric
Application Class:
Application File Date: 08-30-2001
Art Unit: OIPE
Software Application:
Total Number of Sequences: 120
Total Nucleotides: 35991
Total Amino Acids: 7298
Number of Errors: 0
Number of Warnings: 36
Number of Corrections: 0

MESSAGE SUMMARY

256 W: 36 (Invalid Numeric Header Field)